

Fig. 1

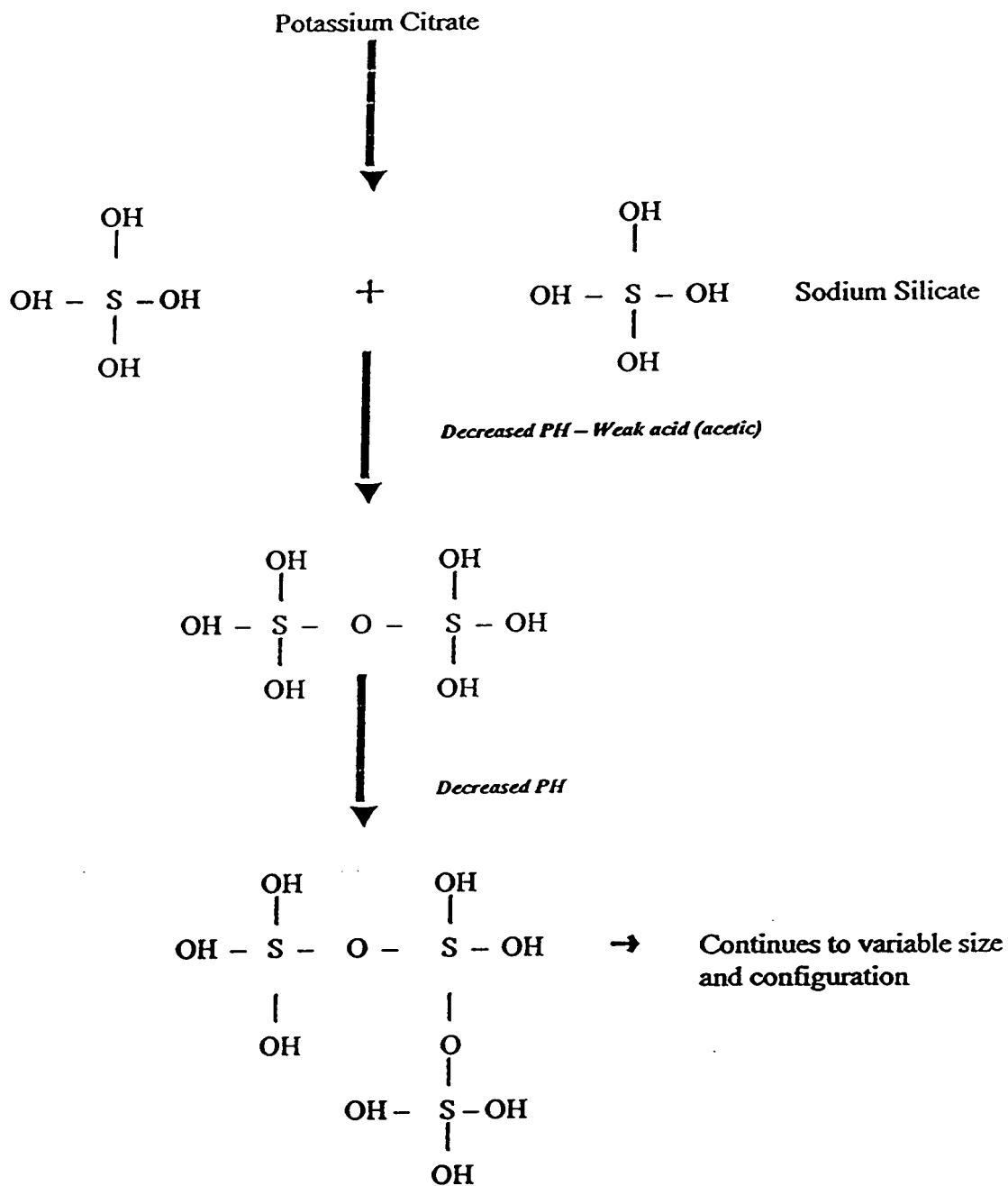


Fig. 2

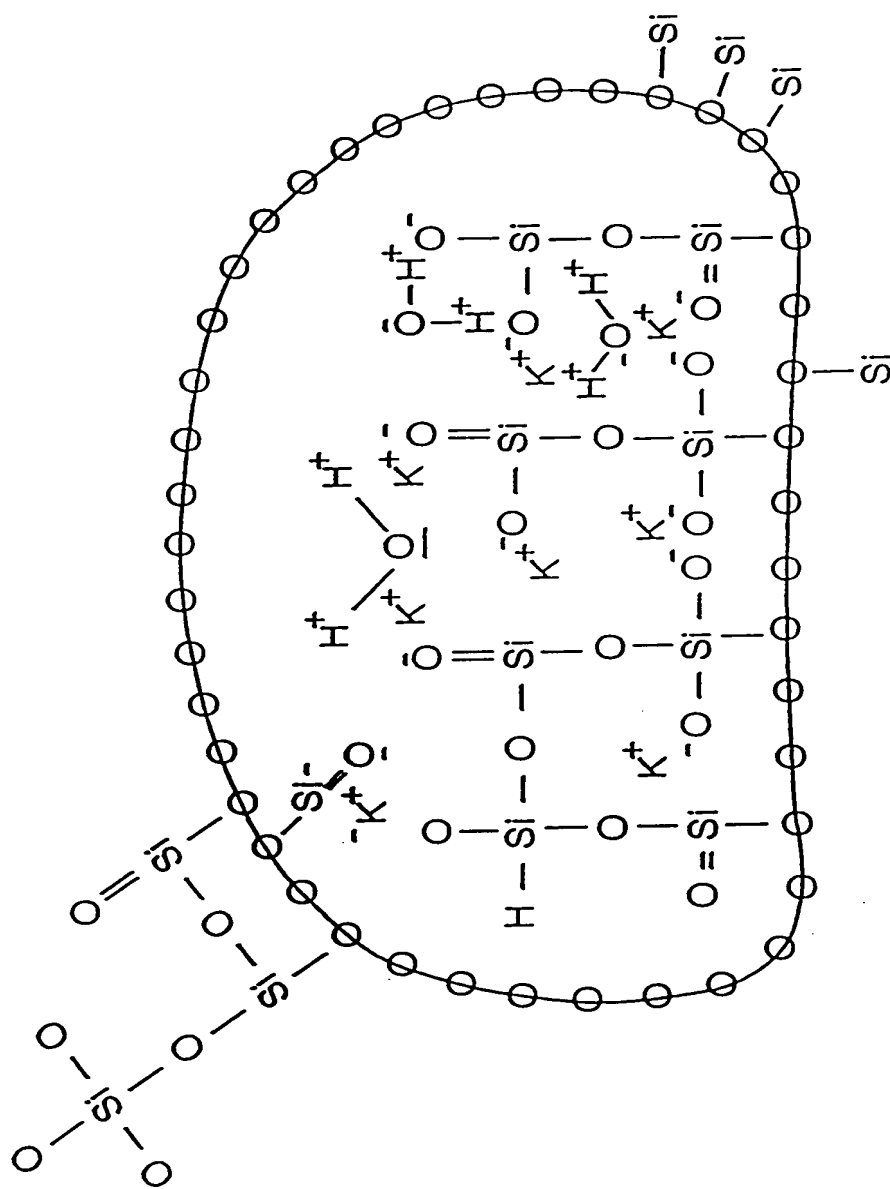


FIG. 3

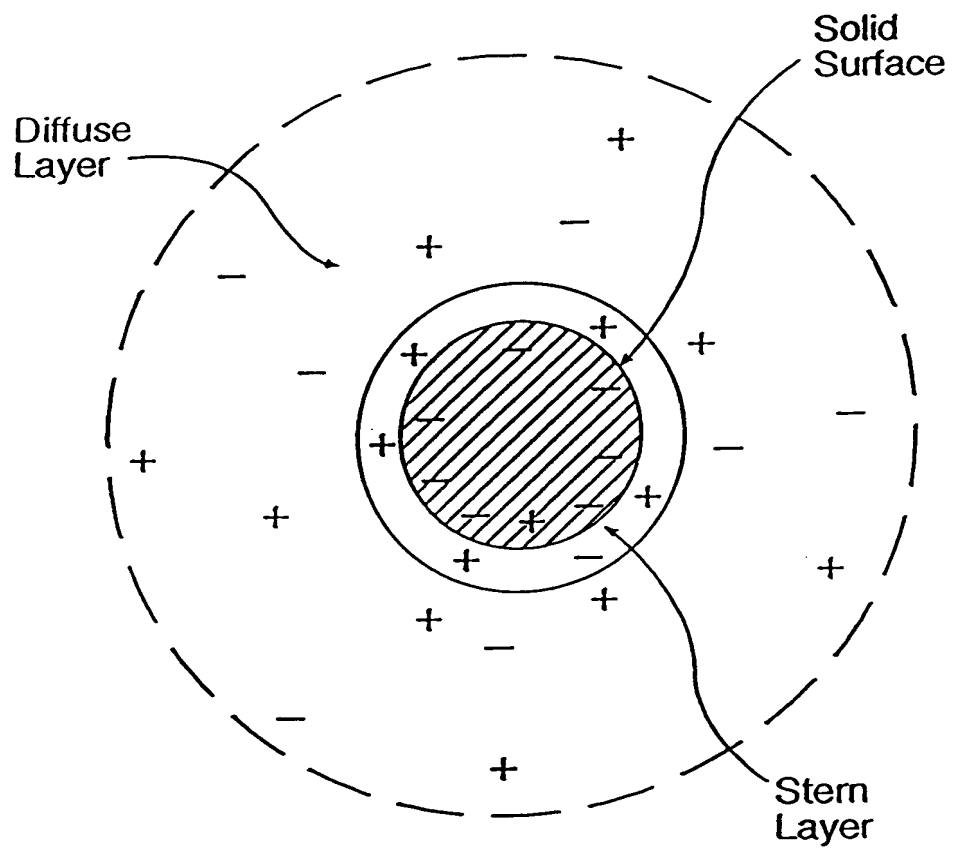


FIG. 4

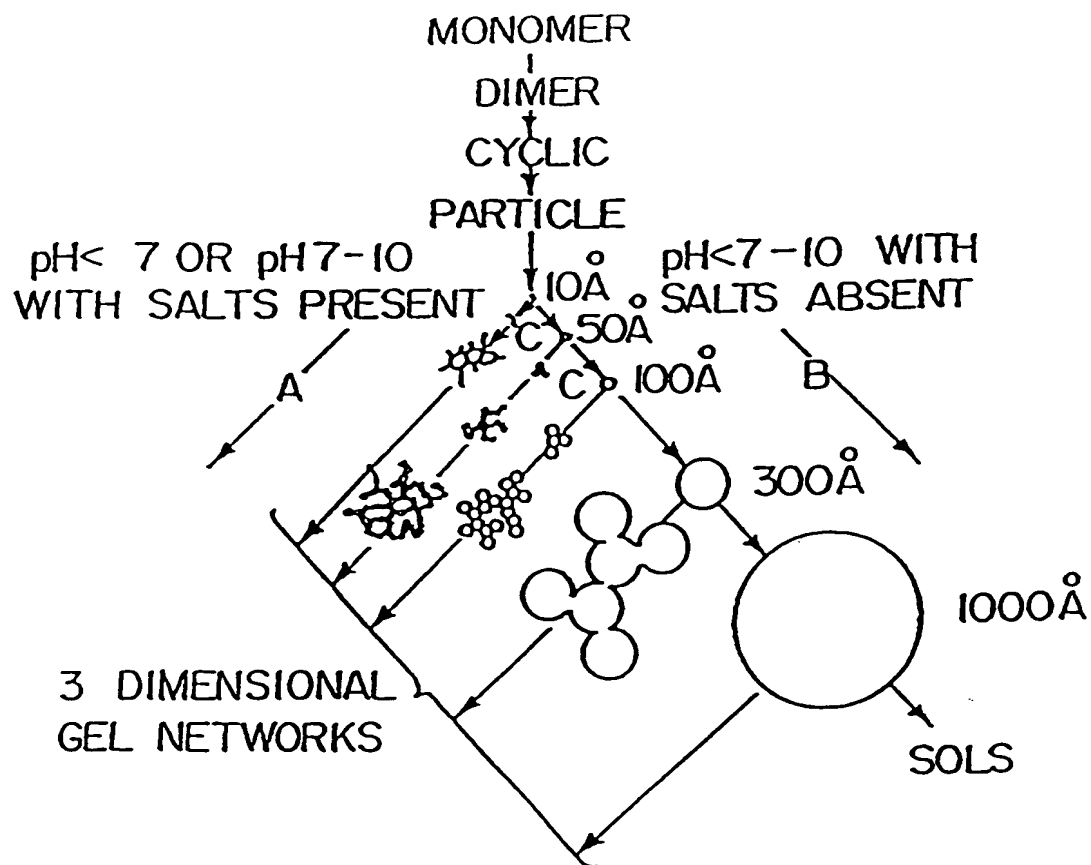


FIG. 5

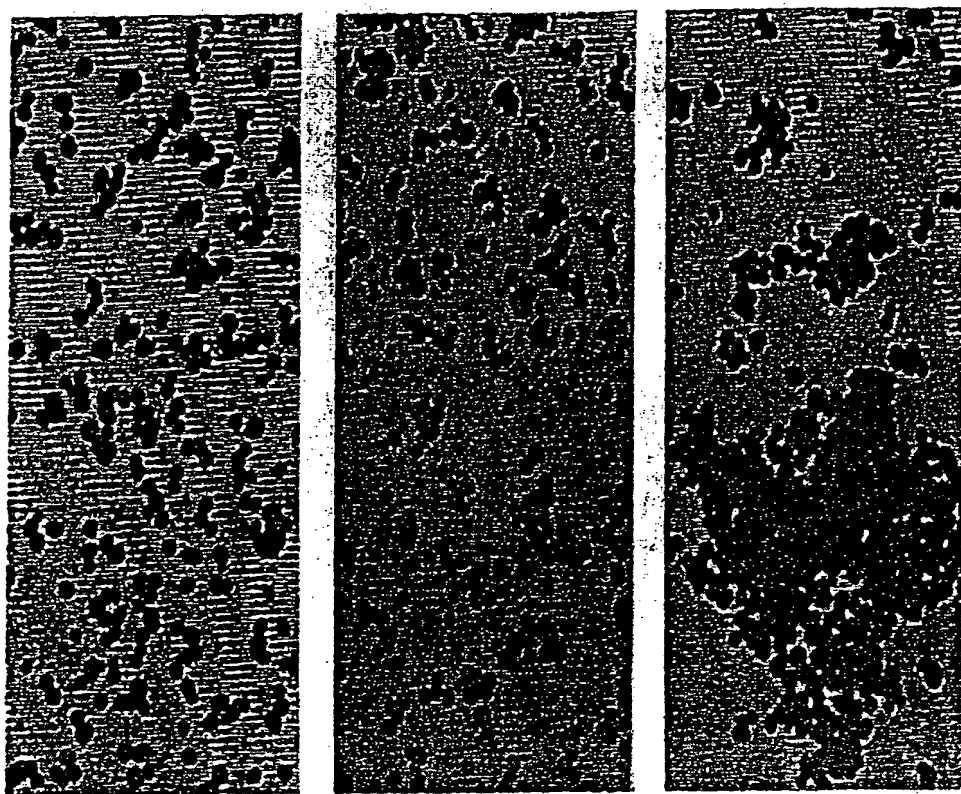


FIG. 26.—Electron micrographs showing stages of aggregation of 35 millimicron silica particles: *left*, colloidal aggregates; *center*, aggregates approaching colloidal size; *right*, supercolloidal aggregates or precipitate.

FIG. 6

bound water

colloid particles

60.

Electron photomicrograph of the cell wall

Electron photomicrograph of the collared of the
invention.

14-56

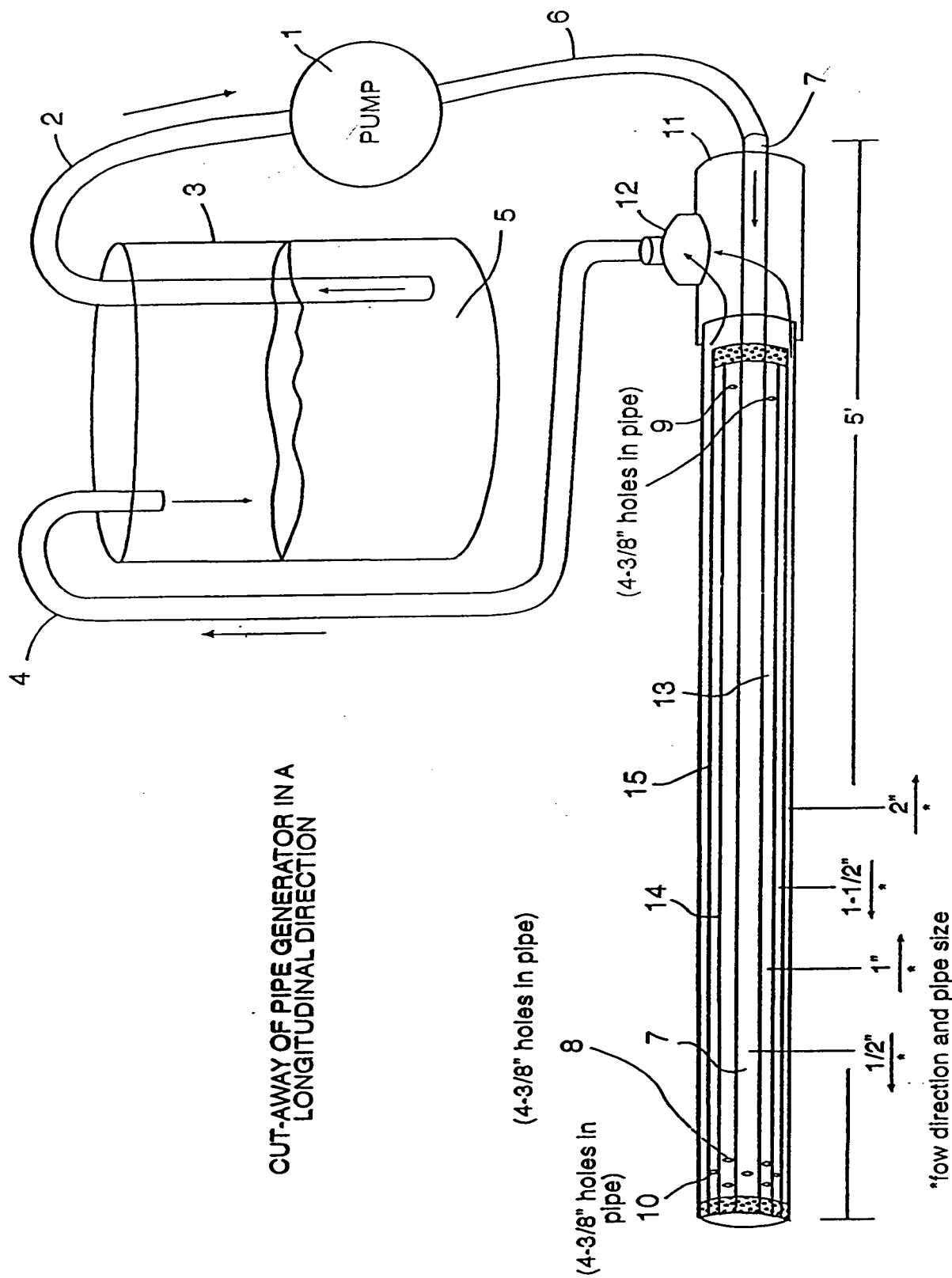
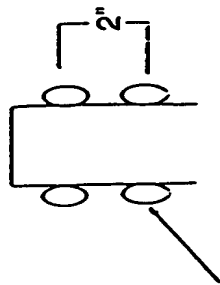


FIG. 7

SECTION OF GENERATOR

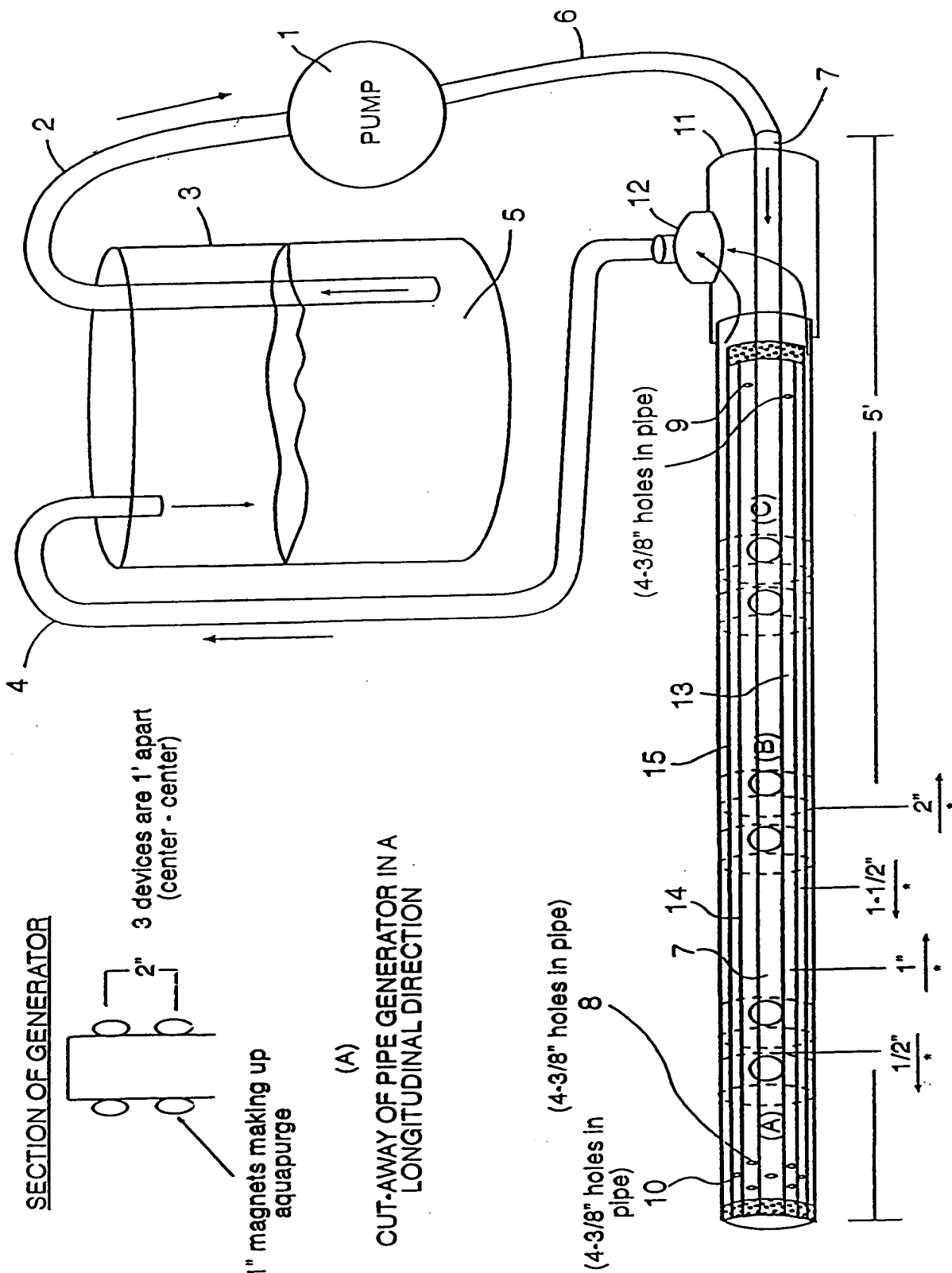


**3 devices are 1' apart
(center - center)**

**1" magnets making up
aquapurge**

(A)

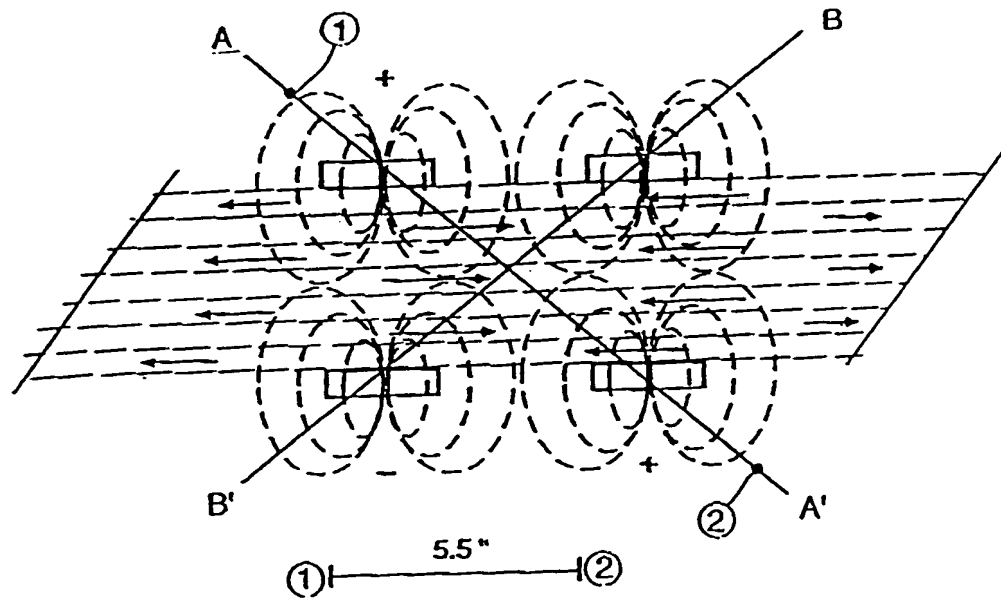
CUT-AWAY OF PIPE GENERATOR IN A LONGITUDINAL DIRECTION



***flow direction and pipe size**

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Cross sectional view of counter current generator of the invention
with lines A-A' and B-B' noted for measurement purposes.



Plot of Gradients in "z" axis

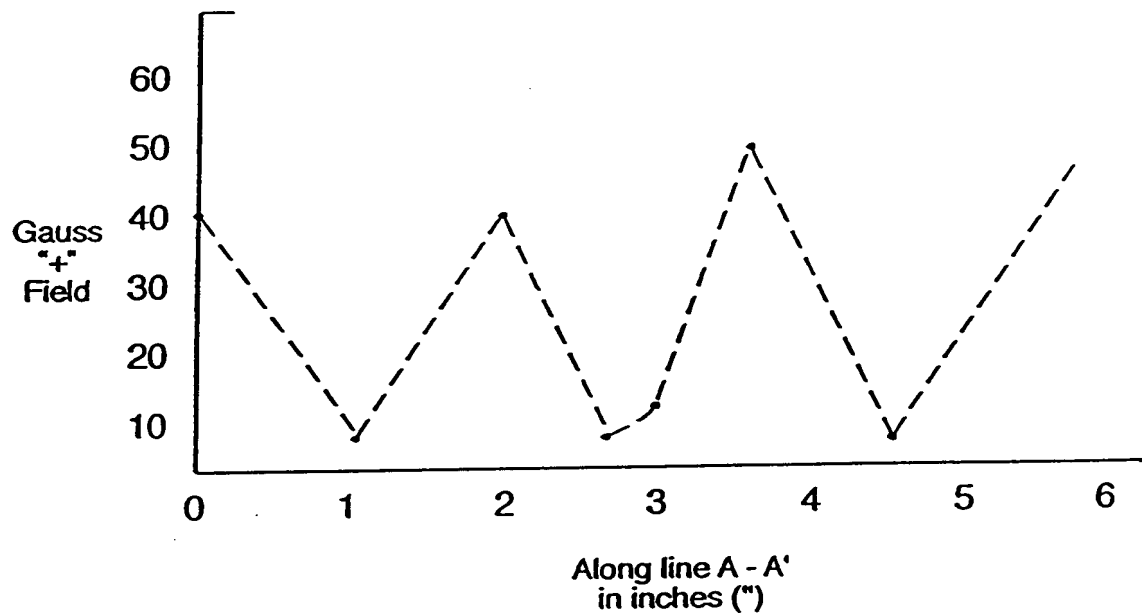


FIG. 9

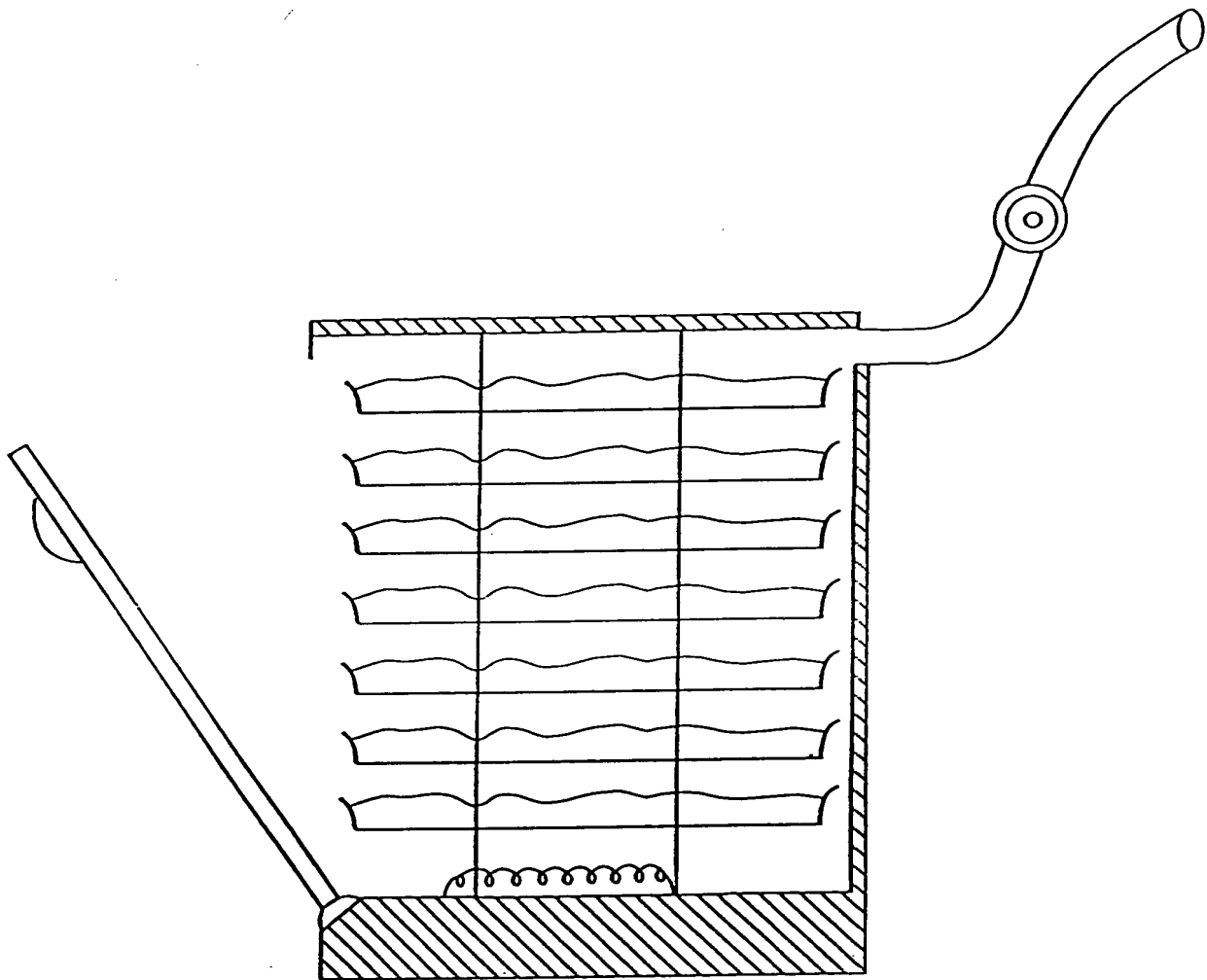


FIG. 10

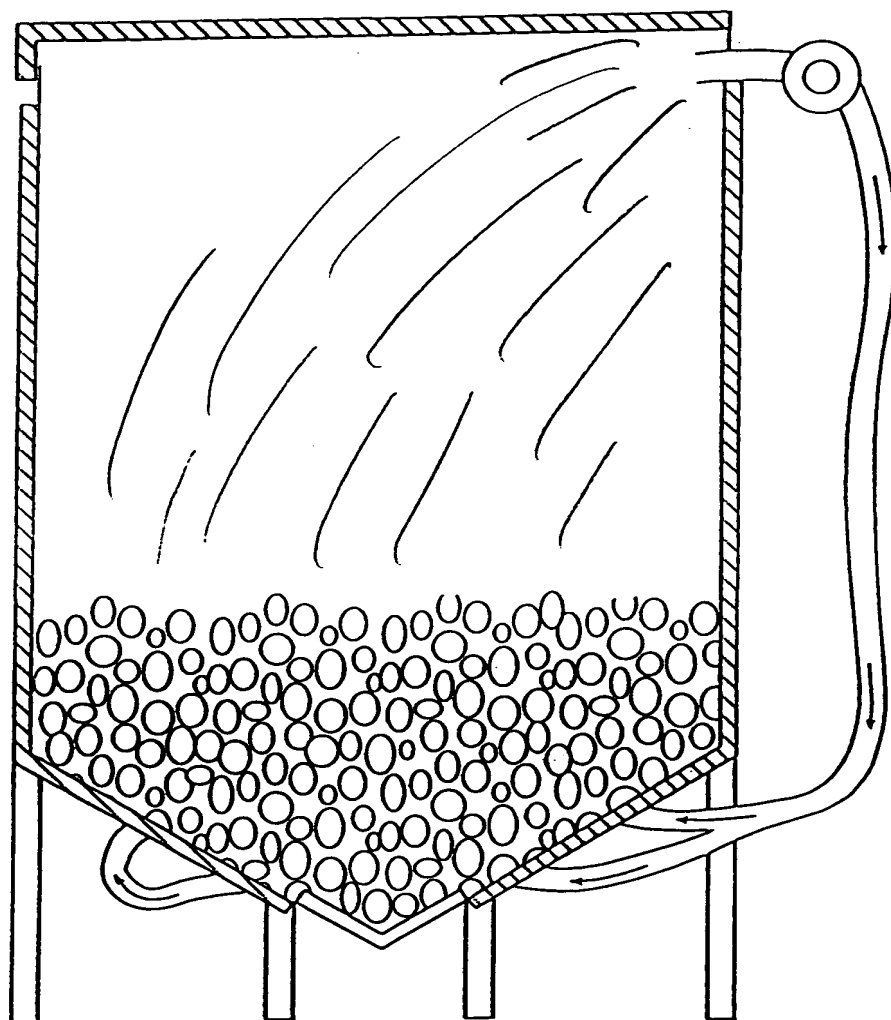


FIG. 11

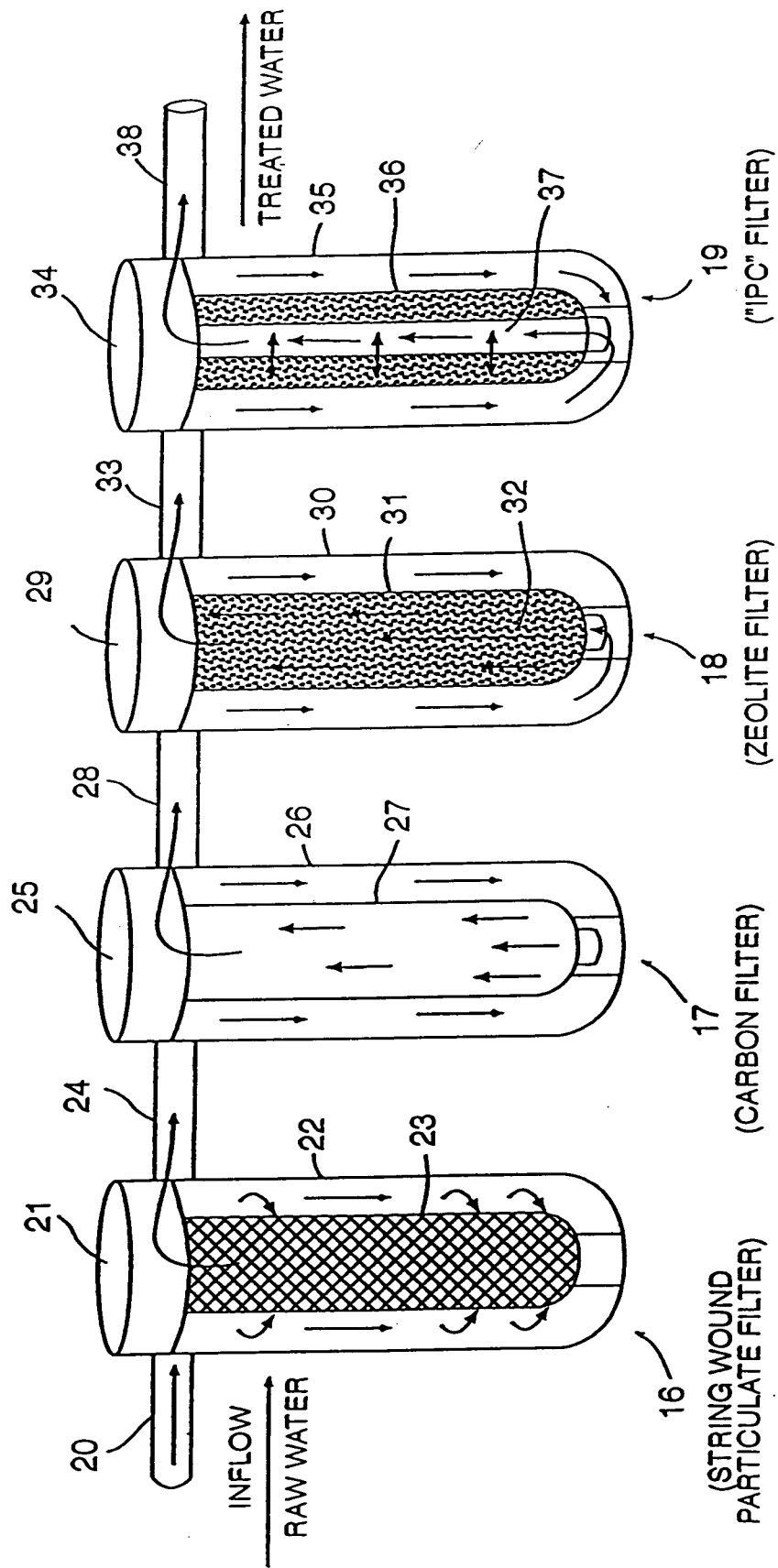


FIG. 12

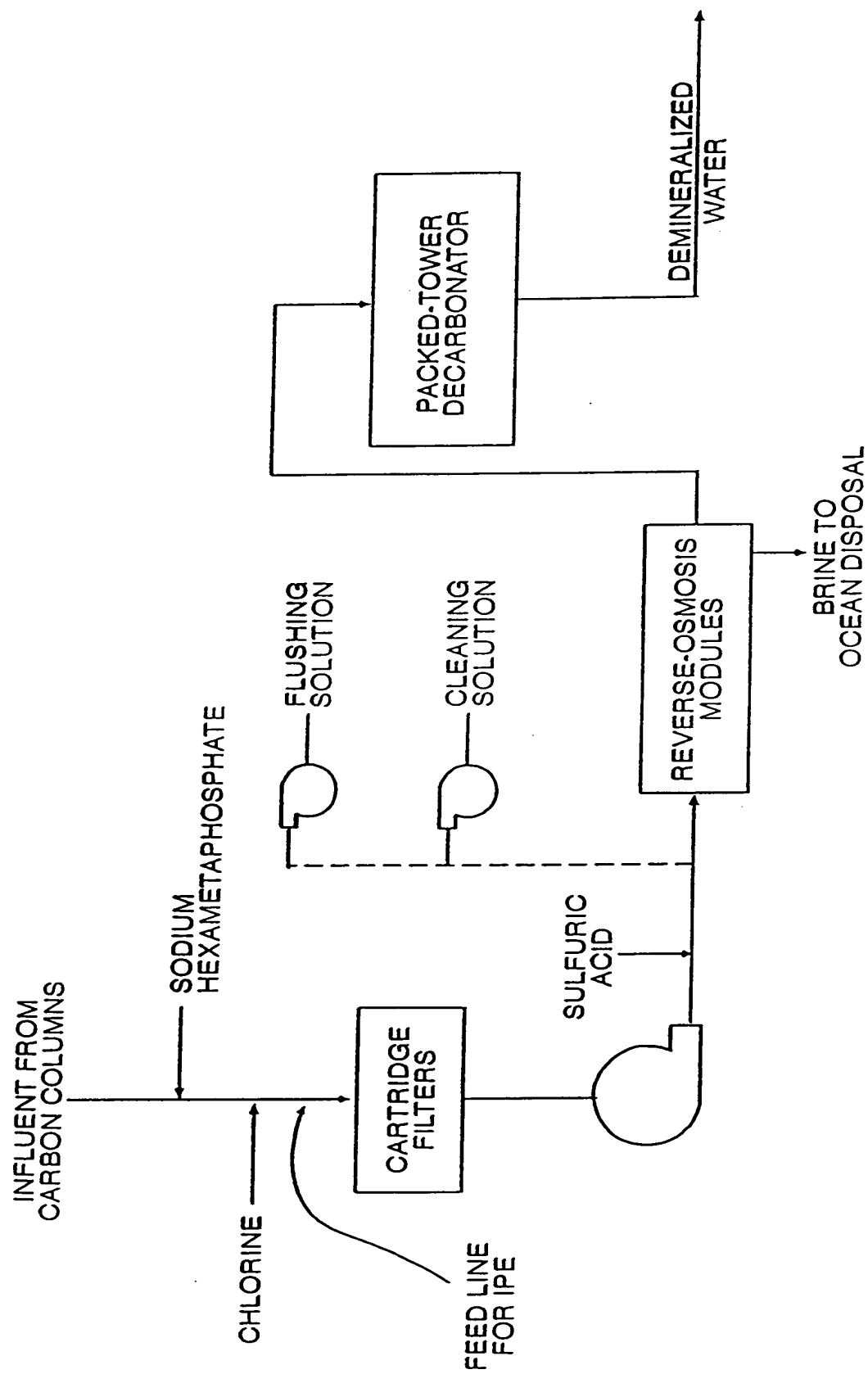


FIG. 20 13

HOME WATER SOFTENER, WITH AUTOMATIC CONTROLLER FOR REGENERATION AND SERVICE

IPC CONVERSION

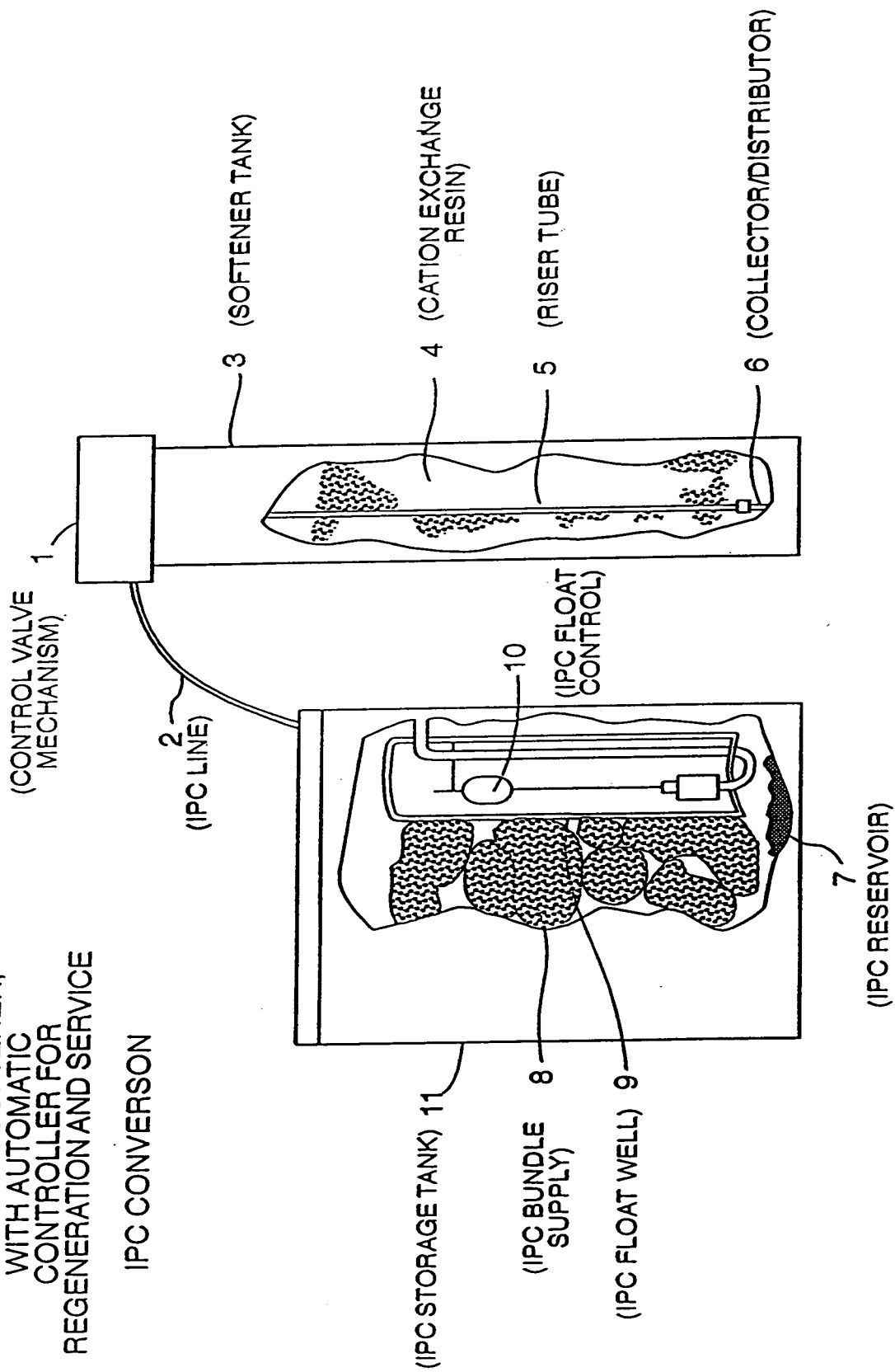


FIG. 14

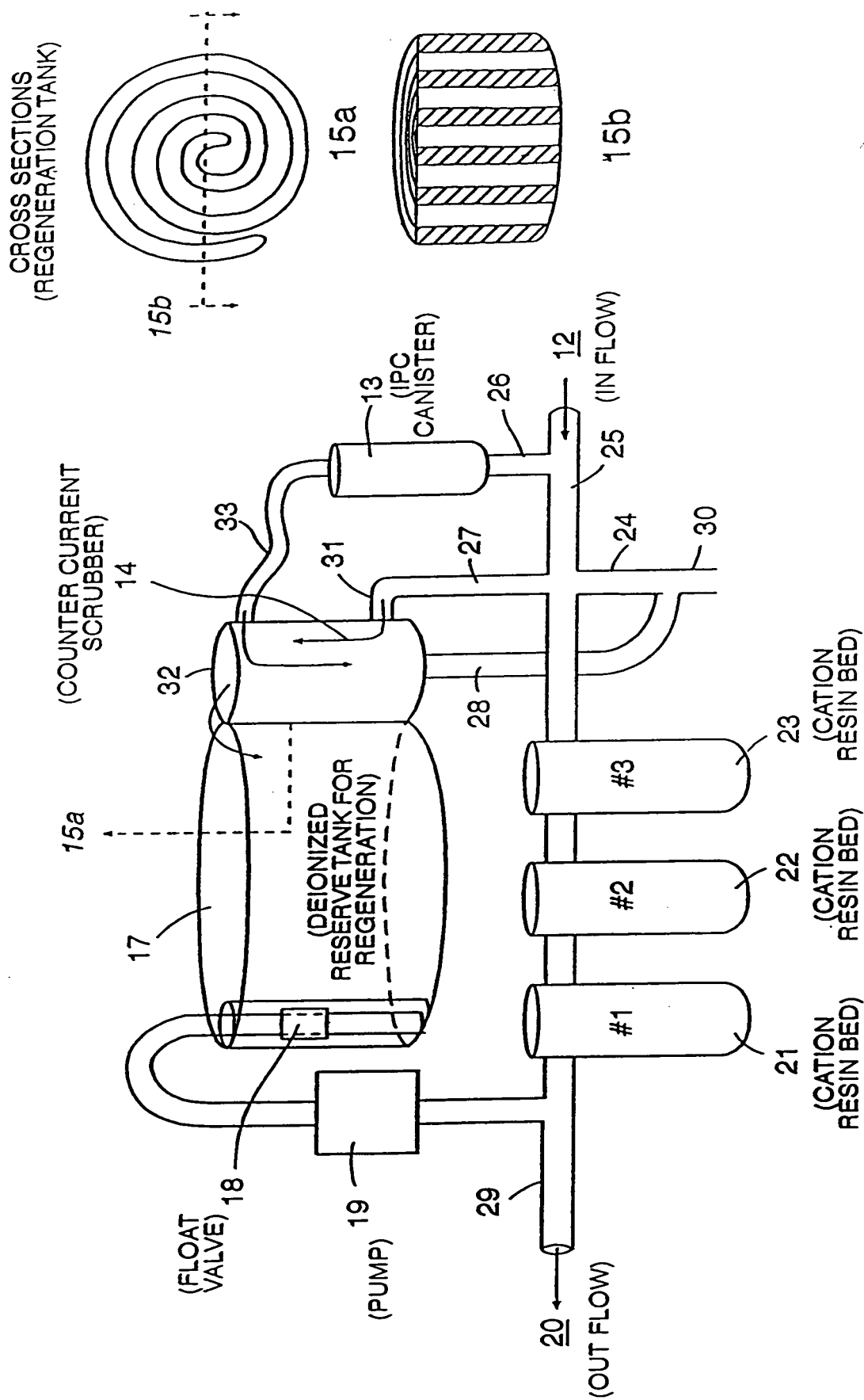


FIG. 15

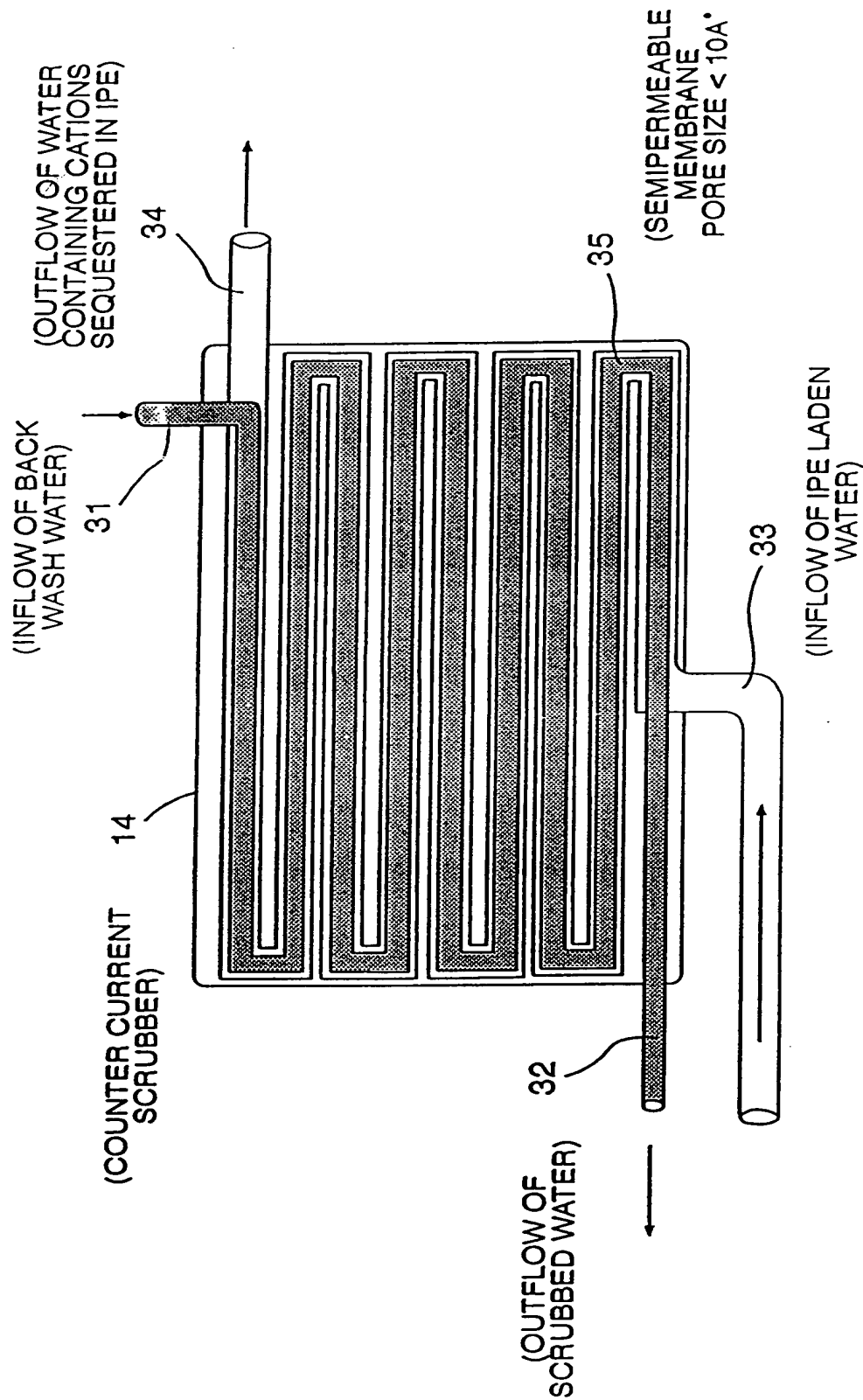


FIG. 16

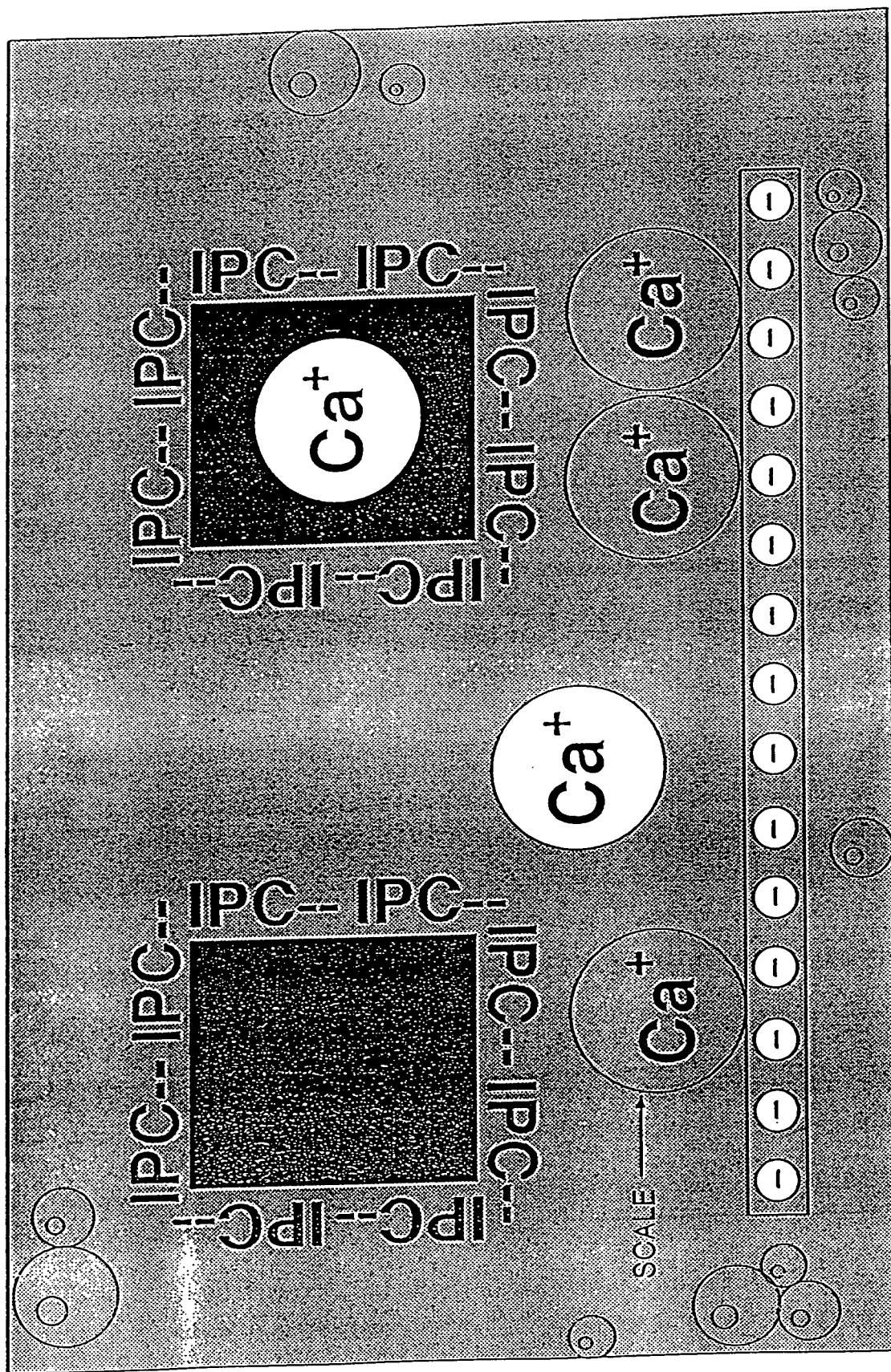


FIG. 17

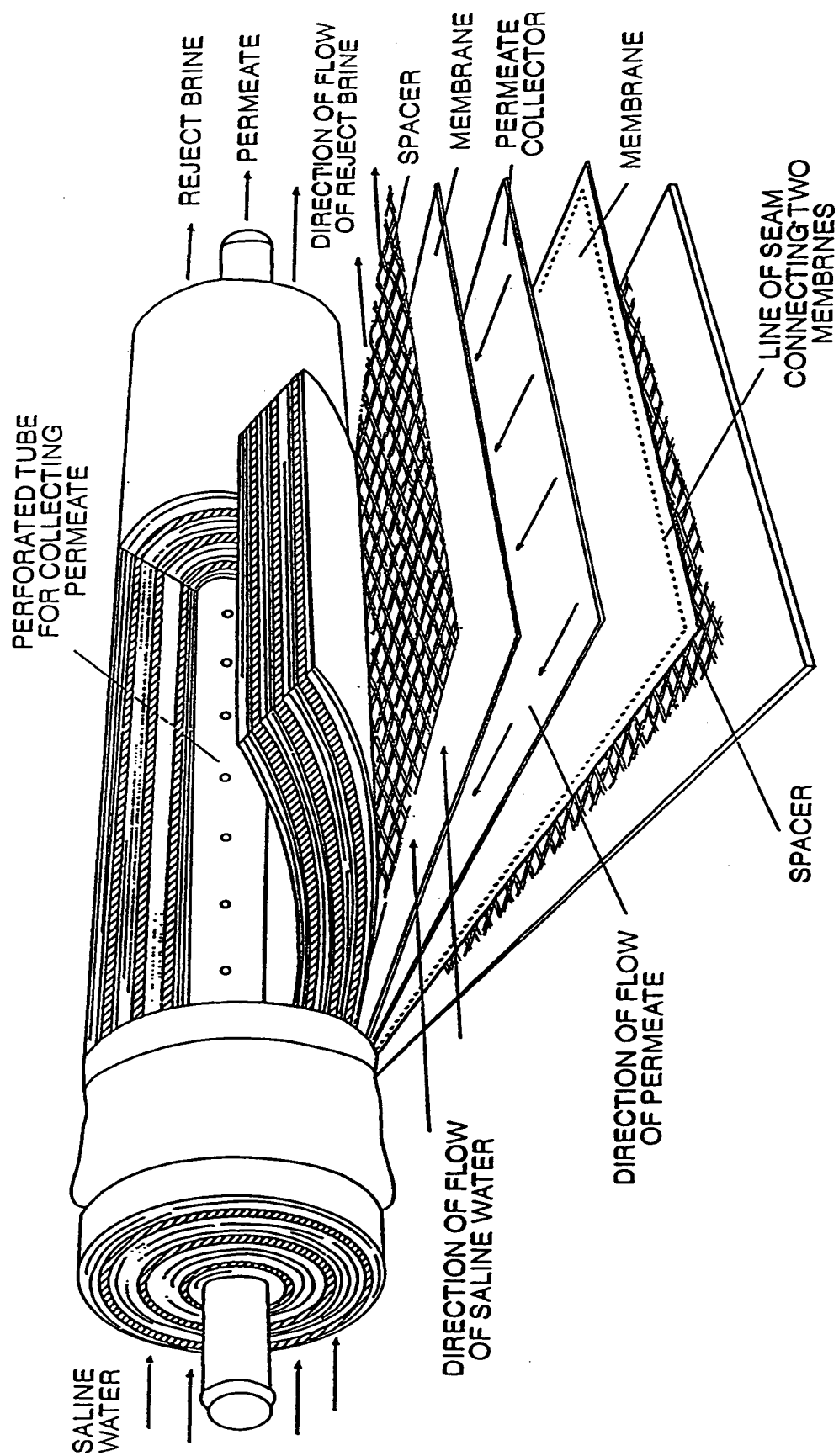


FIG. 18

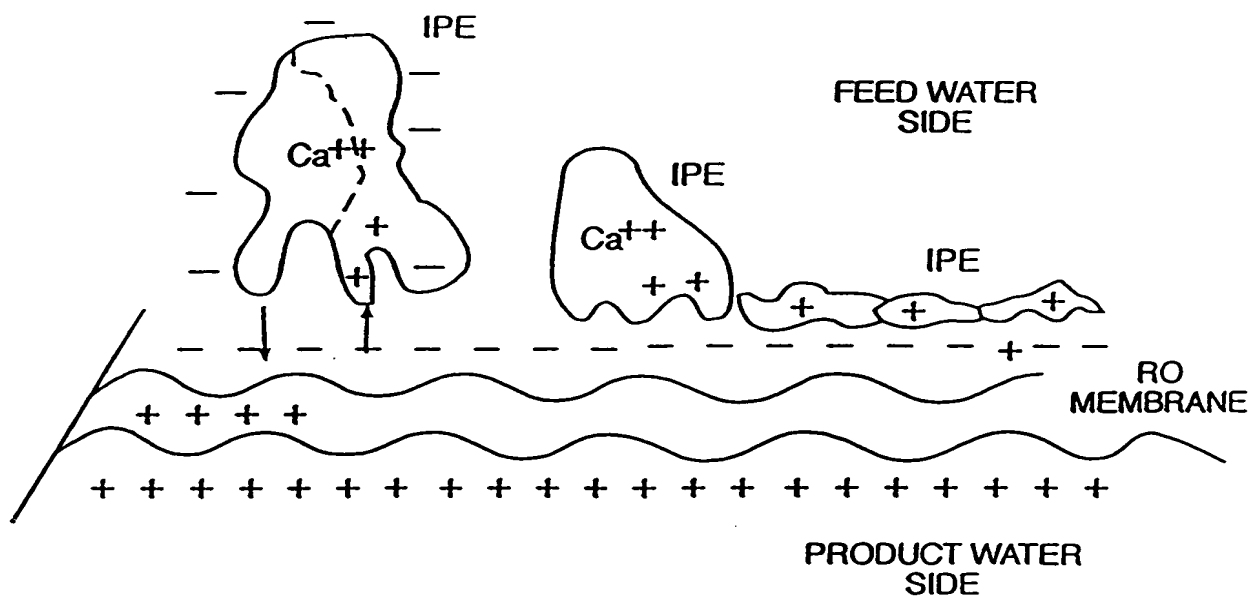
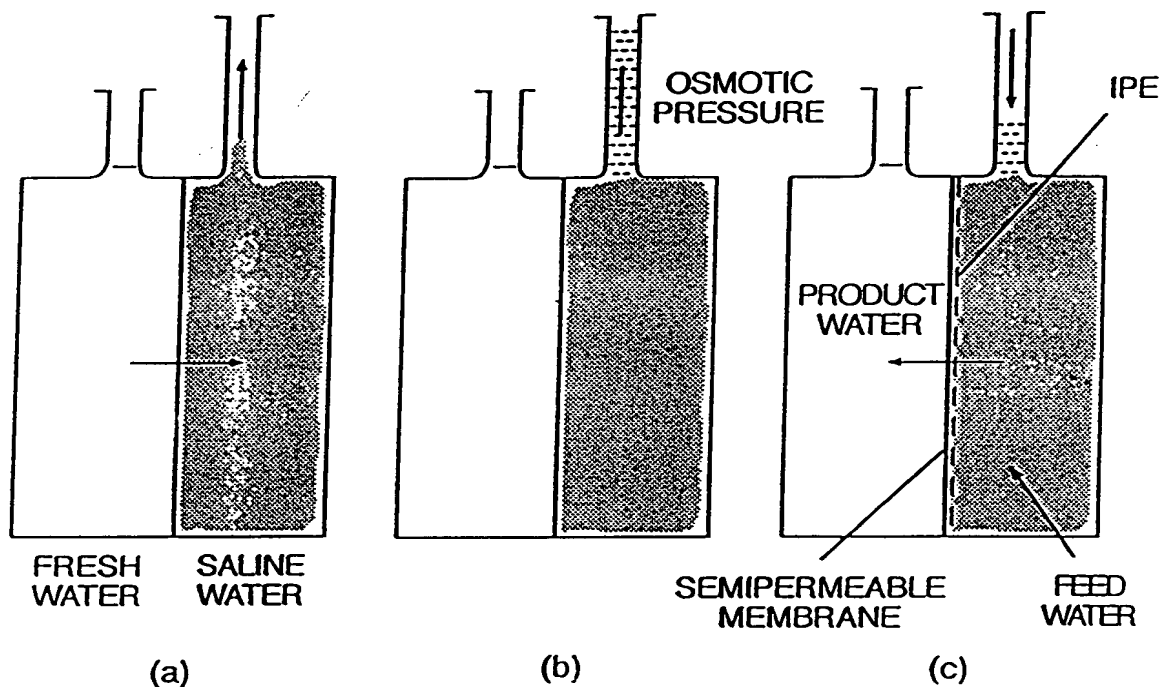


FIG. 19

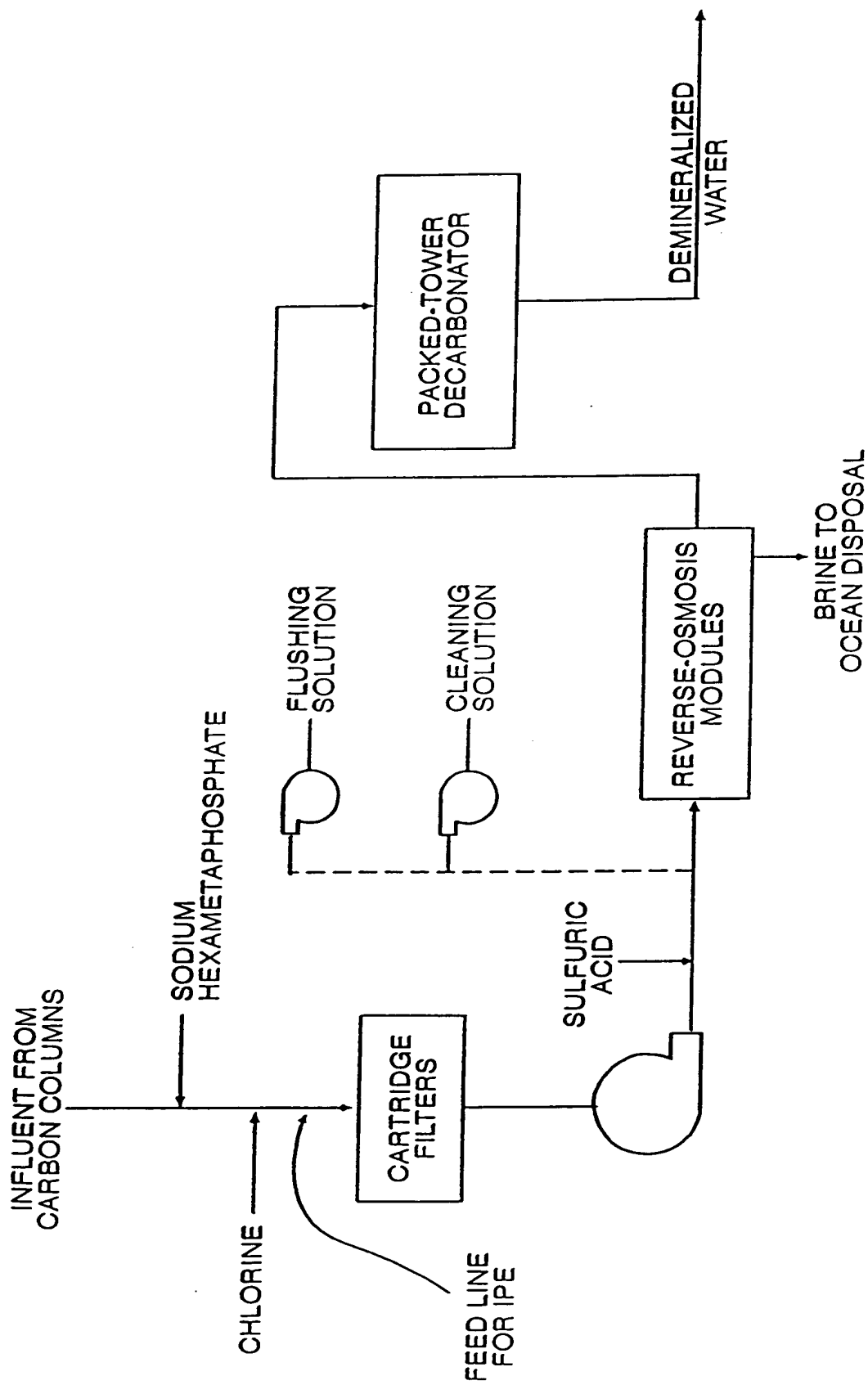


FIG. 20